

OCEAN GALES AND STORMS JUNE, 1925

Vessel	Voyage		Position at time of lowest barometer		Gale began	Time of lowest barometer	Gale ended	Lowest barometer	Direction of wind when gale began	Direction and force of wind at time of lowest barometer	Direction of wind when gale ended	Highest force of wind and direction	Shifts of wind near time of lowest barometer
	From—	To—	Latitude	Longitude									
North Atlantic Ocean													
Bay State, Br. S. S.	Belfast	New York	55 20N.	8 20W.	May 30	Mid. 30th.	June 5.	Inches 28.99	W	W	WSW	12.	Steady W.
Baron Wemyss, Br. S. S.	Spain	Newfound-land.	45 44N.	32 00W.	June 2.	6 a., 2d.	4th.	29.90	SW	SW., 7	WNW	WNW., 10	W.-SSW.
Caronia, Br. S. S.	Queenstown.	New York	45 44N.	35 26W.	2d.	1 a., 3d.	3d.	29.67	WSW	WSW., 8	NW	10.	WSW.-W.
Montrolite, Br. S. S.	Moss, Norway.	do.	56 00N.	24 40W.	2d.	4 p., 4th.	5th.	29.20	S	SW., 10	SW	SW., 10.	SSW.-WSW.
Montpellier, Am. S. S.	Hamburg	Philadelphia	46 50N.	29 40W.	5th.	Noon 6th.	6th.	29.09	SSW	SSW., 8	SW	SSW., 8.	SSW.-S.-SW.
Brush, Am. S. S.	Rotterdam	New Orleans	37 45N.	32 50W.	6th.	4 a., 8th.	9th.	29.69	SW	SW., 8	W	SW., 8	Steady.
Hessen, Ger. S. S.	Colon	Hamburg	45 30N.	31 47W.	8th.	10 a., 8th.	9th.	29.42	WSW	WSW., 10	SW	SW., 10	
West Modus, Am. S. S.	Dundee	Houston	54 31N.	18 44W.	8th.	3 a., 9th.	10th.	29.72	SE	SSE., 3	SW	8.	SSE.-SSW.
Hatteras, Am. S. S.	New York	England	40 30N.	57 35W.	16th.	6 p., 16th.	17th.	29.35	S	SW., 9	NW	SW., 10.	SW.-NW.
Andalusier, Belg. S. S.	do.	Antwerp	41 30N.	56 40W.	16th.	1 a., 17th.	18th.	29.15	SW	SW., 12	WNW	SW., 12	
Baron Sempill, Br. S. S.	Fowey	Philadelphia	43 32N.	55 21W.	19th.	8 a., 19th.	19th.	29.33	SW	SW., 8	W	SW., 9	SW.-W.
Carlier, Belg. S. S.	Antwerp	New York	41 55N.	52 45W.	23d.	10 p., 23d.	24th.	29.94	SSW	SSW., 11	WSW	SSW., 11	SSW.-WSW.
Sixiola, Am. S. S.	New York	Colombia	37 15N.	74 04W.	25th.	6 a., 25th.	25th.	29.88	SSW	SSW., 5	SSW	8.	Steady.
Kongosan Maru, Jap. S. S.	Limerick	Norfolk	39 25N.	63 31W.	25th.	3 a., 26th.	26th.	30.08	SSW	SSW., 8	SSW	SSW., 8	Steady.
Eastern Victor, Am. S. S.	Antwerp	Philadelphia	46 31N.	81 48W.	30th.	10 a., 30th.	July 1.	30.12	WSW	W., 6.	WNW	NW., 8.	W.-NW.
North Pacific Ocean													
Walter A. Luckenbach, Am. S. S.	San Pedro	Balboa	13 30N.	94 30W.	2d.	4 p., 3d.	4th.	29.53	E	E., 7	SSW	E., 7	ENE.-ESE.
Margaret Coughlan, Br. S. S.	Port Alberni	do.	13 30N.	93 30W.	4th.	8 p., 4th.	5th.	29.50	N.by E.	N. by E., 8	S. by W	SW., 9	N. N. by E.
W. H. Telford, Am. S. S.	San Pedro	do.	14 00N.	94 30W.	5th.	5 a., 5th.	5th.	29.57	NW	NW., 7	W	W., 9	NW.-W.
China Arrow, Am. S. S.	San Francisco	Taku	36 50N.	165 30W.	7th.	2 a., 8th.	8th.	29.66	SE	SSE., 8	W	SSE., 8	SSE.-SW.-W.
Bolton Castle, Br. S. S.	Panama	Yokohama	29 50N.	156 50E.	9th.	11 a., 9th.	10th.	29.64	S	SW., 10	E	SW., 10	E.-S.-SW.
Makaweli, Am. S. S.	Hawaii	San Francisco	36 55N.	125 40W.	11th.	9 p., 11th.	12th.	29.94	NW	NW., 8	NW	NW., 8	WNW.-N.-E
Enterprise, Am. S. S.	do.	do.	37 26N.	123 48W.	13th.	3 p., 13th.	13th.	29.82	NW	NW., 9	NW	NW., 9	Steady.
Kaga Maru, Jap. S. S.	Yokohama	Victoria	49 52N.	167 36E.	22d.	4 p., 22d.	25th.	29.40	SSE	SSE., 8	SSE	SSE., 8	Steady.
Canadian Inventor, Br. S. S.	Balboa	do.	39 08N.	124 05W.	26th.	4 p., 27th.	28th.	29.97	NW	NW., 8	NNW	NW., 8	Steady.
Canadian Prospector Br. S. S.	Vancouver	Montreal	15 00N.	95 34W.	28th.	4 p., 28th.	29th.	29.80	ENE	NE.by N, 7.	N	N., 8	ENE.-NE.-N.
President Grant, Am. S. S.	Seattle	Yokohama	43 17N.	155 10E.	29th.	8 p., 29th.	30th.	28.85	ESE	SE. by S.	SW	SW., 9	SE. by S.-SW.
Broad Arrow, Am. S. S.	Hongkong	San Pedro	35 35N.	141 35E.	29th.	6 p., 29th.	29th.	29.60	SE	ENE., 7	ESE	NE., 8	SE.-NE.-E.
South Pacific Ocean													
Makura, Br. S. S.	Sydney	Wellington	35 00S.	155 01E.	18th.	4 a., 19th.	20th.	30.51	E	E., 7	ESE	E., 8	E.-ESE.
Do.	Wellington	Raratonga	39 20S.	178 45E.	24th.	8 a., 24th.	25th.	29.86	N	N., 8	NE	NNE., 9	N.-NNE.
Indian Ocean													
Defender, Br. S. S.	Mauritius	Calcutta	17 36N.	87 10E.	27th.	4 p., 27th.	27th.	29.51	SW	SW., 6	SW	WSW., 8	W.-SW.

¹ Highest force of wind on June 4-5.

NORTH PACIFIC OCEAN

By F. G. TINGLEY

The weather of the North Pacific Ocean exhibited no unusual features during June so far as disclosed by a somewhat general survey of conditions. As may be expected at this season, pressure distribution shows relatively little variation from day to day and gales are infrequent. The month under consideration was typical in these respects. Pressure gradients for the most part were moderate and the highest wind force reported by any vessel was 10. Numerous reports of fog were received from the western section of the northern steamship routes, but few from other parts of the ocean.

The anticyclone which normally occupies the region northeast of the Hawaiian Islands was well developed throughout the month, except from the 9th to 11th, when there was an encroachment of low pressure from the northwest. During this period the lowest pressure of the month was recorded at Dutch Harbor, 29.22 inches. During the last half of June pressure was also consistently high in middle latitudes of the central part of the ocean. On the 18th and 19th vessels north and northwest of Midway Island reported readings as high as 30.52 inches. This high pressure appeared to advance from the region of Kamchatka and its eastward movement caused a reinforcement of the semipermanent area north of Hawaii, where readings of 30.40 inches or more were reported on

several days. The crest of high pressure in this region in June is normally a little more than 30.25 inches.

Pressure data for the several island stations in the eastern North Pacific, as well as for a few stations on the American coast, are given in the following table:

Station	Average pressure	Departure from normal	Highest	Date	Lowest	Date
Dutch Harbor ¹	29.86	-0.13	30.40	22d.	29.22	10th.
St. Paul ¹	29.89	0.00	30.40	22d.	29.34	11th.
Kodiak ¹	29.89	-0.05	30.34	24th.	29.40	10th.
Midway Island ¹	30.02	-0.05	30.16	14th ¹	29.82	9th.
Honolulu ¹	30.04	0.00	30.13	6th.	29.98	23d.
Juneau ¹	29.97	-0.04	30.40	24th.	29.70	2d.
Tatoosh Island ¹	30.05	+0.03	30.38	23d.	29.62	2d.
San Francisco ¹	29.92	-0.04	30.08	19th.	29.70	12th.
San Diego ¹	29.90	-0.02	30.05	18th.	29.74	27th.

¹ P. m. observations only.

² 29 days.

³ And other dates.

⁴ A. m. and p. m. observations.

⁵ Corrected to 24-hour mean.

In the Hawaiian area the weather was dominated by the Pacific anticyclone to the northward as was the case in the preceding month. At Honolulu the prevailing wind direction was east, this direction being recorded in 602 hours out of 720. The highest velocity was 33 miles (from the east) on the 28th. The average velocity was 10.6 miles an hour. The rainfall at Honolulu continued to be below normal. The total amount for the month was